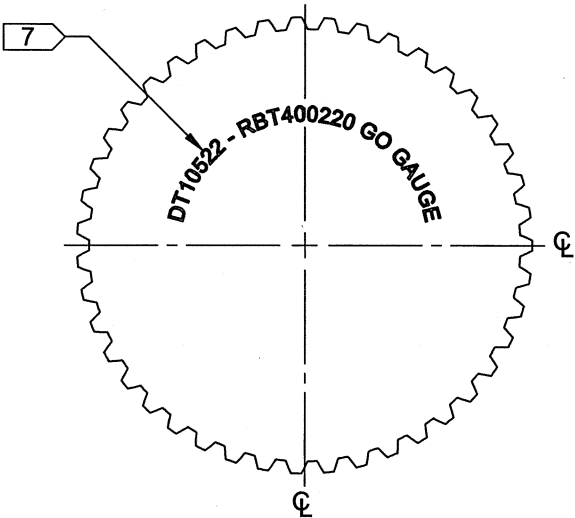
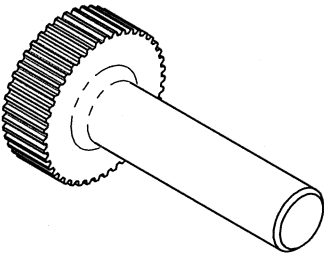
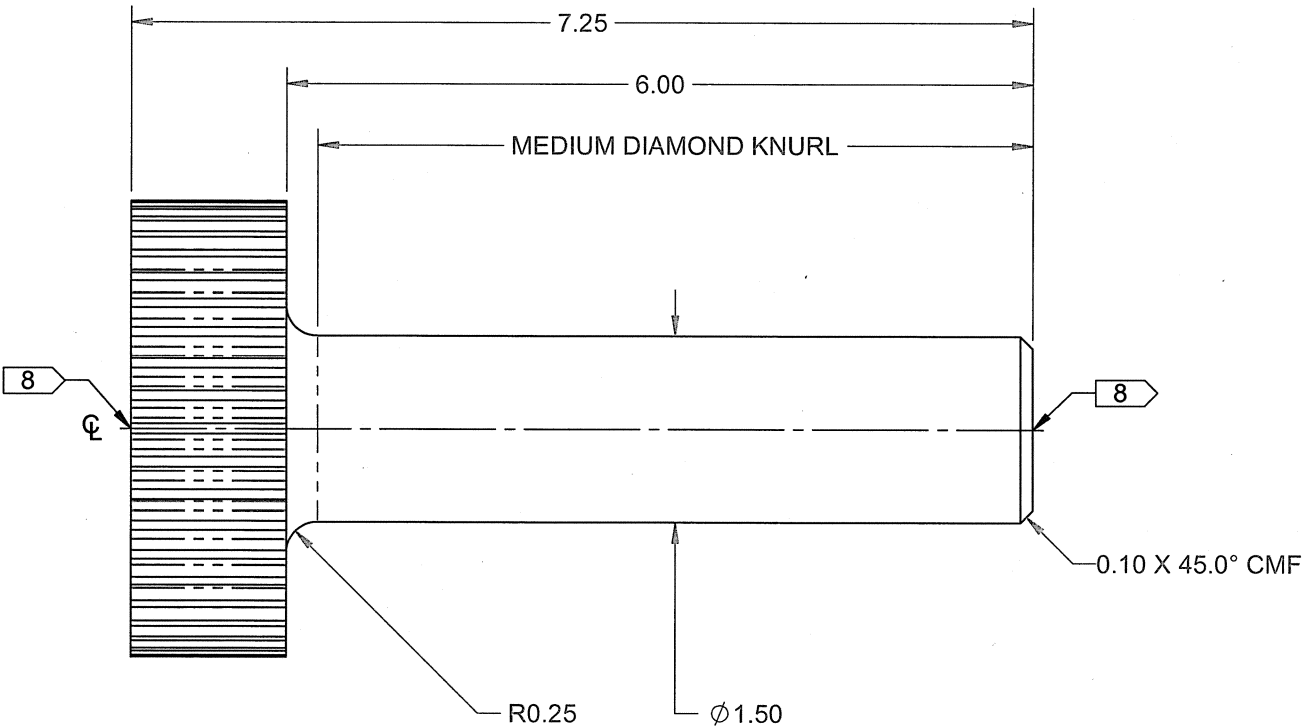


| EXTERNAL INVOLUTE SPLINE DATA | |
|------------------------------------|---------------|
| COMPOSITE PLUG GAUGE - GO SIDE FIT | |
| NUMBER OF TEETH | 43 |
| SPLINE PITCH | 12/24 |
| PRESSURE ANGLE | 30° |
| BASE DIAMETER | 3.103258 REF |
| PITCH DIAMETER | 3.583333 REF |
| MAJOR DIAMETER | 3.6745/3.6740 |
| FORM DIAMETER | 3.4928 |
| MINOR DIAMETER | 3.4800 |
| CIRCULAR TOOTH THICKNESS | 0.1312 |
| MEASUREMENT OVER PINS | 3.8314/3.8304 |
| PIN DIAMETER | 0.1600 |



DT10522 RBT400220 GO GAUGE



NOTES:
1) MATERIAL: O1
2) HEAT TREAT: 35-40 Rc
3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES AND BURRS
7) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN THEN FILL WITH WHITE INK
8) CENTER DRILL IS ACCEPTABLE

| | | | |
|------------|--|---|--------------|
| B | DIMENSION OVER PIN WAS 3.8314 MIN IS 3.8314/3.8304 | 19-903 | VM |
| A | NEW ISSUE | | KPT |
| REV. | DESCRIPTION | ECN # | BY |
| DESIGN | KPT | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | VM | | |
| CHECKED | KPT | TOOL PART # | REV. B |
| MFG. APPR. | JFC | DT10522 | SHEET 1 OF 1 |
| APPROVED | | TITLE | |
| | | RBT400220 GO GAUGE | SCALE NTS |
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